



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW6305G16831-3G

Job Sheet 172417



04/16

Part No: RBW6305G16831-3G

Job Qty: 3 ea

Part Name: Fan Drive Quill Lip Seal Remover



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/16/18

Job Tracking No:

Due Date: 4/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6305G16831-3G REV B IPP REV A 18.02.15 NEW ISSUE FK VERIFY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	3 pcs		4/16/18	0.00	0.00	Purchasing		AT 18/4/16
110	Packaging	3 pcs		4/16/18	0.00	0.00	Packaging2		AT 18/4/16
120	QC	3 pcs		4/16/18	0.00	0.00	QC6		38
130	Packaging	3 pcs		4/16/18	0.00	0.00	Packaging3		18-04 296
140	QC21-FG	3 Ea		4/16/18	0.00	0.00	QC21		GA092

CB
CB

Part Op 100 - Issue PO to ARROW TECH MACHINE WORKS P/O: 089084 MANUFACTURE RBW6305G16831-3G AS PER
Descriptions: DWG -Certificate of conformity is required

FEB 22 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW6305G16831-3GP	Fan Drive Quill Lip Seal Remover	3 (1 ea)	100-Purchasing	5061198

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6305G16831-3GP	3	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

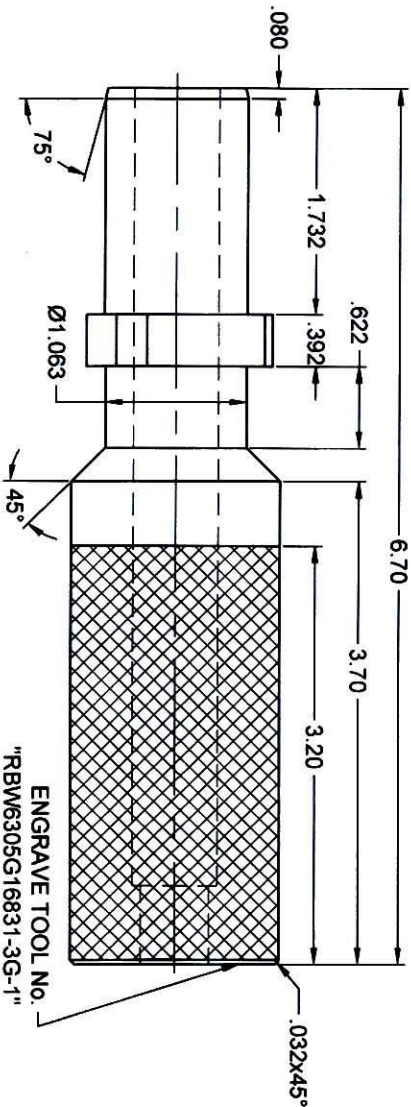
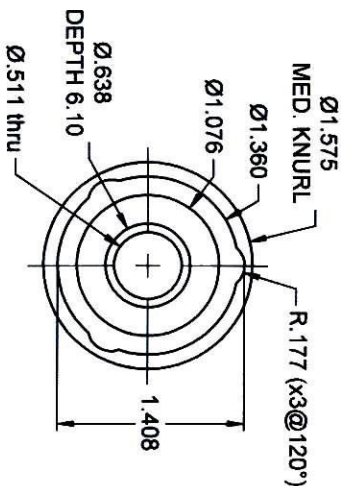
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																																																																																																																																							
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																																																																																																																																																																																					
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This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
A	CHD -3 BOM INFO PER R.W. CORRECTED TOOL NUMBER IN TITLEBLOCK & -1 HIDDEN LINE PER S.E. CHD -3 ENGRAVE NOTES PER R.W.	5/6/11	RJC RW
B	CHD TOOL NAME WAS FAN DRIVE QUIL SEAL REMOVER IS TOOL, FAN DRIVE QUIL LIP SEAL REMOVER TO MATCH PARTS MANUAL.	11/4/13	RJC RW



(-1)
HANDLE

NOTES
1. ALSO SOLD WITH KIT RBW6305G01531-3G,
BOX TWO RBW6305G19731-3G.

RED BARN MACHINE
TOOL, FAN DRIVE QUIL
LIP SEAL REMOVER

DWG NO. RBW6305G16831-3G REV B

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
XX .005 METRIC REF. .1mm
XX .01 FRACTIONS ± 1/32
ANGLES ± 5°
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE NTS DATE 2-7-11 SHEET 1 of 2

ASSY QTY	BIO QTY	PART #	UNIT QTY	DESCRIPTION	MATERIAL	BIO INFORMATION OR SPECIFICATIONS	Pg
		-1	1	HANDLE	6061 RND. BAR	Ø1.56 x 6-7/8	1
		-3	1	BASE	6061 RND. BAR	Ø4-1/2 x 2-3/8	2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					



Dart Aerospace Ltd.
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Canada

Tel (613) 632-5200

PURCHASE ORDER PO039084

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
	RBW6500X01611-W142H-3T-1P			TBD As Per Dwg RBW6500X01611-W142H-3T-1 Rev. 1							
Line Item Note job# 172605											
8	RBW6500X01611-W142H-3T-3P			TBD As Per Dwg RBW6500X01611-W142H-3T-3 Rev. 1	Firmed	4/16/18	5 Ea	0 Ea	5 Ea	\$618.50/Ea	\$3,092.50
Line Item Note job# 172597											
9	RBW6500X01611-W142H-3T-5P			TBD As Per Dwg RBW6500X01611-W142H-3T-5 Rev. 1	Firmed	4/16/18	5 Ea	0 Ea	5 Ea	\$618.50/Ea	\$3,092.50
Line Item Note job# 172599											
10	RBW6522A00231-W142S-3TP			Tail Rotor Gear Box/Mast Output Oil Seal Assembly Support Tool As Per Dwg RBW6522A00231-W142S-3T Rev. 2	Firmed	4/16/18	5 Ea	0 Ea	5 Ea	\$195.79/Ea	\$978.95
Line Item Note job# 172612											
11	RBW6522A00231-W142AJ-3TP			Tail Rotor Gear Box/Servo Actuator Oil Seal Fit/Extracting Tool As Per Dwg RBW6522A00231-W142AJ-3T Rev. 5	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$2,061.26/Ea	\$6,183.78
Line Item Note job# 172609											
12	RBW6522A00231-W142AK-3TP			Tail Rotor Gear Box/Mast Output Oil Seal Assembly Press Tool As Per Dwg RBW6522A00231-W142AK-3T Rev. 1	Firmed	4/16/18	5 Ea	0 Ea	5 Ea	\$160.76/Ea	\$803.80
Line Item Note job# 172602											
13	RBW6305G16831-3GP			Fan Drive Quill Lip Seal Remover As Per Dwg RBW6305G16831-3G Rev. B	Firmed	4/16/18	3 Ea 3x	0 Ea	3 Ea	\$490.83/Ea	\$1,472.49
Line Item Note job# 172417											
14	RBW6305G15731-3GP			Tail Rotor Drive Quill Seal Installer As Per Dwg RBW6305G15731-	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$548.02/Ea	\$1,644.06

DAS
38
9-88



ARROW TECH MACHINE WORKS

Certificate of Conformance

Your Purchase Order No:039084

Dated: 04/12/2018

Our Order / Job No:19AWT

Order Qty:3 ASSEMBLIES

Part Name:HANDLE & BASE

Part Number: RBW6305G16831-3G

Lot Size:N/A

Ship Date: 4/12/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number:RBW6305G16831-3G

Rev:B

Material Size and Type: -1/6061 ALUM, -3/6061 ALUM

Material Specifications: ALUMINUM-ASTM B221

Heat Treatment:N/A

Plating/Finish: 6061 CLEAR ANODIZE AS PER SPEC MIL-A-8625F, TYPE II, CLASS I

Mercury Contamination: The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: 4/12/18

Signed: Hemat M. Salt

PHGE Machine Works LLC dba Arrow Tech Machine Works
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www.atechmachineworks.com